

Proceedings and Reports

OF THE

BELFAST NATURAL HISTORY
AND PHILOSOPHICAL SOCIETY.



SESSION 1927-28.



PRICE, - - TWO SHILLINGS.



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OF

THE SOCIETY.

CENTENARY VOLUME 1821-1921.

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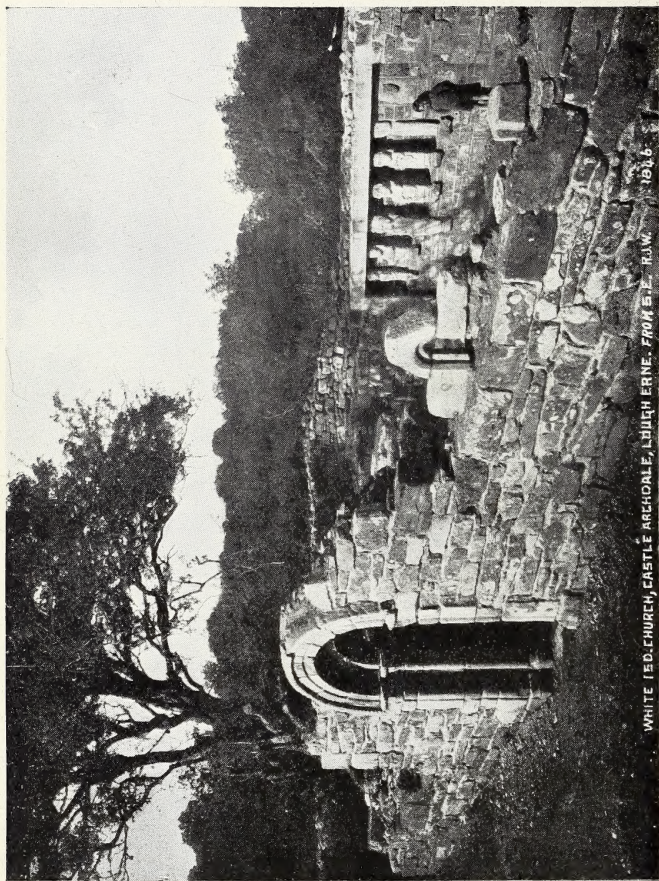
THE MONASTERY OF ST. MOCHAOI OF NENDRUM.

An account of the recent exploration of this Hiberno-Celtic Monastery under the auspices of the Society's Archaeological Section, with a history of the Monastery (A.D. 440-1224) and many notes of archaeological interest relating to Down and Antrim. Copiously illustrated (xxviii + 187). By H. C. Lawlor, M.A., M.R.I.A., with an interesting foreword by Professor R. A. S. Macalister, D. Litt., D.Sc., etc. 10/6 (out of print).

GUIDE TO THE RUINS OF NENDRUM MONASTERY.

For use of Visitors to the site of the Monastery; illustrated. (12 pp.) By Major C. Blakiston-Houston, D.L. One Shilling.





WHITE ISLAND CHURCH, CASTLE ARCHOALE, LIDUICH ERNE. FROM S.E. R.W. 1846

White Island Church Rums after repair, showing panel built to display the carved figures.
From the S. E.

Proceedings and Reports

— OF THE —

Belfast Natural History
and Philosophical Society.

——— FOR THE ———
SESSION 1927-28.

EDITED BY
H. C. LAWLOR, M.A., M.R.I.A.

Belfast:

THE NORTHERN WHIG, LTD., COMMERCIAL BUILDINGS, BRIDGE ST.

1929.



BELFAST NATURAL HISTORY AND PHILOSOPHICAL SOCIETY.
[ESTABLISHED 1821.]

CONSTITUTION.

The membership of the Society consists of Shareholders, Annual Subscribers and Honorary Members.

Shareholders holding more than two shares are not liable for an annual subscription, but shareholders of two shares pay an annual subscription of five shillings, and holders of one pay ten shillings.

In 1914 a new class of membership was created including persons of either sex, to be elected under the bye-laws of the Society, and admitted by the Council on payment of ten shillings per annum. Such members have all the privileges of the Society, and take part in any business of the Society not affecting the ownership of its property. In 1917 an Archæological Section was founded. Persons wishing to join the Section must be members of the Society and pay an additional minimum subscription of five shillings per annum. An Application Form for Membership to the Society and to the Section will be found on page vii.

A general meeting of Shareholders and Members is held annually to receive the Report of the Council and the Statement of Accounts for the preceding year ending 31st October, to elect members of Council, to replace those retiring by rotation or for other reasons, and to transact any other business incidental to an Annual Meeting.

The Council elect from among their own number a President and other officers of the Society.

Each member has the right of personal attendance at the ordinary lectures of the Society, and the privilege of introducing two friends for admission to such.

Any further information required may be obtained from the Hon. Secretary, at 7 College Square North, Belfast.

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BELFAST NATURAL HISTORY AND PHILOSOPHICAL SOCIETY.

Officers and Council of Management for 1927-28.

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E. J. ELLIOTT, F.R.S.A.I.

Vice-Presidents:

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PROF. GREGG WILSON, O.B.E., M.A., D.SC., PH.D., M.R.I.A.

Hon. Treasurer:

W. B. BURROWES, F.R.S.A.I.

Hon. Librarian:

T. EDENS OSBORNE, F.R.S.A.I.

Hon. Secretary:

ARTHUR DEANE, F.R.S.E.

Council:

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E. J. ELLIOTT, F.R.S.A.I.

H. C. LAWLOR, M.A., M.R.I.A.

PROF. JAMES SMALL, D.SC., F.R.S.E., M.R.I.A.

PROF. GREGG WILSON, D.SC., M.R.I.A.

} Retire
1929.

WILLIAM RIDDELL, M.A.

PROF. W. B. MORTON, M.A., M.R.I.A.

F. ADENS HERON, D.L., J.P., F.R.S.A.I.

R. S. LEPPER, M.A., LL.M., F.R.HIST.S.

D. E. LOWRY, J.P.

} Retire
1930

DR. D. A. CHART, M.R.I.A.

T. EDENS OSBORNE, F.R.S.A.I.

S. W. ALLWORTHY, M.A., M.D., F.G.S.

GODFREY W. FERGUSON, J.P., F.R.I.B.A.

ARTHUR DEANE, M.R.I.A., F.R.S.E.

} Retire
1931.

PAST PRESIDENTS.

1821-22. James L. Drummond, M.D.	1885-86. W. H. Patterson, M.R.I.A.
1822-27. Rev. T. Dix Hincks.	1886-89. Prof. E. A. Letts.
1827-4-. James L. Drummond, M.D.	1889-91. J. H. Greenhill, MUS.BAC.
1843-52. *Wm. Thompson.	1891-94. Prof. M. F. Fitzgerald
1852-54. Robt. Patterson, F.R.S.	1894-96. Sir R. Lloyd Patter- son, F.L.S.
1854-56. Thos. Andrews, M.D., F.R.S., M.R.I.A.	1896-98. Prof. J. D. Everett, F.R.S., D.C.L.
1856-58. John Stevelly, LL.D.	1898-00. *Thos. Workman, J.P.
1858-60. George C. Hyndman.	1900-03. John Brown, F.R.S.
1860-61. *Jas. McAdam, F.R.S.	1903-06. Prof. J. Symington, M.D., F.R.S.
1861-63. Robt. Patterson, F.R.S.	1906-08. Sir Otto Jaffe, LL.D.
1863-64. Prof. Wyville Thom- son.	1908-11. Sir John Byers, M.A., M.D., M.A.O.
1864-66. Prof. Jas. Thomson.	1911-15. Prof. J. A. Lindsay, M.D., F.R.C.S.
1866-68. Joseph John Murphy.	1915-19. Prof. W. St. Clair Symmers, M.B.
1868-69. Robt. Patterson, F.R.S.	1919-21. Prof. Gregg Wilson, O.B.E., M.A., D.SC., PH.D., M.R.I.A.
1869-70. Prof. Wyville Thom- son.	1921-23. *Henry Riddell, M.E., M.I.MECH.E.
1870-71. Robt. Patterson, F.R.S.	1923-26. Prof. W. B. Morton, M.A., M.R.I.A.
1871-74. Joseph John Murphy.	1926-28. E. J. Elliott, F.R.S.A.I.
1874-77. Prof. J. F. Hodges, M.D.	
1877-79. Robert Young, C.E.	
1879-81. Prof. John Purser.	
1881-83. Sir R. Lloyd Patter- son, F.L.S.	
1883-85. Prof. R. O. Cunning- ham, M.D.	

President 1928—1929:

PROFESSOR JAMES SMALL, D.SC., F.R.S.E., M.R.I.A.

*Died during their Presidency.

Belfast Natural History and Philosophical Society.

Founded 5th June, 1821.

Application Form for Membership.

To be filled up by the Candidate	{	Name, etc.
		[Please write name in full.]
		Description
		Residence

....., being desirous of becoming a Member
of the Society, I, the undersigned member, recommend.....
as a suitable candidate for election.

Dated this.....day of....., 19....

Signature of
Member

[Candidate must be known to the Member signing this form.]
[All applications are subject to the approval of the Council.]

Received Elected by }
Council }

CONSTITUTION OF SOCIETY.

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ARCHÆOLOGICAL SECTION.

Persons wishing to join the Archæological Section must be Members of the Society, and pay an additional minimum subscription of five shillings per annum. State below if you wish to join this section.

I desire to join the Archæological Section.

Signature }
 of
 Candidate }

[All applications for Membership to the Section are subject to the approval of the Archæological Committee.]

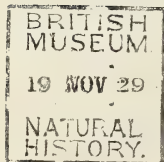
This form, when filled in, should be addressed to the

HON. SECRETARY,

B. N. H. & P. SOCIETY,

THE MUSEUM,

COLLEGE SQUARE N.



PROCEEDINGS OF THE BELFAST NATURAL
HISTORY AND PHILOSOPHICAL SOCIETY,
SESSION 1927-1928.

Tuesday, 22nd November, 1927.

In Assembly Minor Hall.

Lecturer:

MR. J. WILSON PATERSON, M.V.O., M.B.E., A.R.I.B.A.,
F.S.A.Scot.

Subject:

“ PRESERVING THE PAST FOR POSTERITY: THE
ROMANCE OF OUR ANCIENT MONUMENTS.”

Illustrated by Lantern Slides.

Synopsis:—The preservation of a Broch: special treatment of castles and abbeys: the strengthening of Westminster Hall Roof. Reinforcing the Norman piers at Jedburgh Abbey. The discovery and treatment of 13th century painted panel at Inchcolm Abbey. The mint of Crossraguel Abbey, etc.

Thursday, 1st December, 1927.

In Museum, College Square North.

Lecturer:

MR. RICHMOND NOBLE.

Subject:

“ SHAKESPEARE'S USE OF HIS STAGE.”

Illustrated by the Plays.

Synopsis:—An account of Shakespearian types of actors of the stages at the Globe and Blackfriar's, with reference to the way in which they are employed in the plays.

Tuesday, 24th January, 1928.

In Museum, College Square North.

Lecturer:

DR. D. A. CHART, M.R.I.A.

Subject:

“ THE POETRY OF PLACE.”

Illustrated by Readings.

Synopsis:—The appeal of vivid place description: prominence in literature after nomadic habits ceased: illustrations from Hebrew literature: the love of Jerusalem: place description in the ancient classics: English literature: Drayton's *Polyolbion*: Shakespeare: Milton's use of place-names as word-music: Macaulay: Tennyson: Irish poetry of locality: Spenser and the Irish rivers: Davis: Yeats: Moira O'Neill, and others.

Tuesday, 14th February, 1928.

In Museum, College Square North.

Lecturer:

E. NORMAN HAY, D.Mus.Oxon., F.R.C.O.

Subject:

“ PROGRAMME MUSIC.”

Illustrated by Short Musical Excerpts.

Synopsis:—The significance of the term, and its bearing (1) upon musical structure, (2) upon our comprehension and enjoyment of a piece of music. A discursive survey from the earliest examples, and on through the classical and romantic periods to Wagner and all his successors. Some speculation as to the future of “ programme music,” with a few thoughts upon its effects, beneficial or otherwise, upon the progress of the art.

Tuesday, 13th March, 1928.

In Museum, College Square North.

Presidential Address :

MR. E. J. ELLIOTT, F.R.S.A.I.

Subject :

“ SOME ASPECTS OF DARWINISM.”

Synopsis:—Darwin's influence on the study of history ; his influence on ethics. Darwin and sociology ; mental development in evolution. Darwin's view on heredity and anthropology.

Tuesday, 10th April, 1928.

In Museum, College Square North.

Lecturer :

MR. DAVID E. LOWRY, J.P.

Subject :

“ MUIRCHERTACH OF THE LEATHER CLOAKS,
AND HIS CIRCUIT OF IRELAND.”

Illustrated by Lantern Views.

Synopsis:—Muirchertach, Prince of Eileach, makes his circuit of Ireland ; returns with kings as hostages. Danes raid Eileach, and take Melkorka, Muirchertach's daughter, off to Norway. She is sold to Haskuld of Iceland, and becomes mother of celebrated Olaf. Pau (Peacock), whose son Kjartan at the court of Olaf Tryggresson becomes a famous champion, returns to Iceland, and introduces the famous cap, which became the national distinctive head-dress of Iceland.

107th ANNUAL MEETING

OF

Belfast Natural History and Philosophical Society.

The annual meeting of shareholders and members was held on the afternoon of the 26th October, 1928. The chair was occupied by the President, Mr. E. J. Elliott, F.R.S.A.I., and among those present were Professor Small, D.Sc.; Dr. S. W. Allworthy, M.A.; Mr. R. S. Lepper, M.A.; Mr. Godfrey W. Ferguson, F.R.I.B.A.; Mr. Andrew Robinson, M.V.O.; Dr. D. A. Chart, Mr. H. C. Lawlor, M.A., M.R.I.A.; Mr. Joseph Skillen, Mr. J. W. Gillmour, Mr. A. H. O. Davison, and Mr. A. Deane (Hon. Sec.).

Apologies were read from Prof. W. B. Morton, M.A.; Mr. D. E. Lowry, J.P.; Colonel Berry, M.R.I.A.; Mr. T. Edens Osborne, F.R.S.A.I.; Mr. Wm. Riddell, M.A., and Mr. W. B. Burrowes (Hon. Treasurer).

The Chairman intimated that the meeting had been advertised in the local papers in the usual manner, and requested the Hon. Secretary to read the notice calling the meeting and the annual report for the past season, which reads as follows:—

ANNUAL REPORT.

Your Council is called upon, in accordance with its Constitution, to submit the report for the 107th Session.

DEATHS.

With much regret it has to record the death of Mr. H. H. Jones, a Member of Council, who died suddenly on the 2nd May last. He frequently attended the meetings of the Society. He was only elected to the Council at the last Annual Meeting, but in the short period of his membership he showed a keen interest in the work of the Society. A resolution of sympathy has been sent to his sisters by the Council.

MEMBERSHIP.

The total number of shareholders and members is 297, as compared with 303 at the end of the previous session. Your Council referred at the last Annual Meeting to the importance of a much larger membership in a city of the population of Belfast. A special effort during the coming

year should be made by each member to bring into its ranks new members under the scheme created in 1914, whereby persons whose names are approved by the Council are admitted on payment of a subscription of ten shillings per annum. Reference was made last year to the importance of furthering the work of the Society and developing it on wider lines. Application has been made to the Ministry of Finance for an annual government grant to assist the Society in this direction. A committee has been formed with a view of considering the present constitution of the Society and to prepare a tentative scheme whereby the Society's scope might be enlarged. No alteration in the Society's constitution, however, will be made without the consent of the shareholders and members at a public meeting.

TRANSFER OF SHARES.

Your Council has sanctioned the following transfer of shares:—Two shares under certificate No. 324, registered in the name of Sir Wm. Crawford, have been transferred in favour of his son, Mr. Wm. M. Crawford. Three shares, No. 426, registered in the name of the late H. H. Jones, have been transferred to Mr. A. H. O. Davison. One share, No. 412, registered in the name of the late George Y. Kinnaird, has been transferred to his daughter, Miss E. H. Kinnaird.

THE BUILDING.

Your Council has had under consideration the future use of the museum buildings which have been the home of the Society since 1831. It is felt by the Council that when vacated by the Corporation the buildings should be retained by the Society as a meeting place for educational societies and institutions. A Property Committee has been formed to consider various proposals.

LECTURES.

Only six lectures were given during the year, but these were very varied, dealing with Anthropology, History, Music, Folk-lore and the Drama. Owing to the interest now taken in the preservation of Ancient Monuments in Northern Ireland, a lecture was given in the Ulster Minor Hall by Mr. J. Wilson Paterson, M.V.O., of H.M. Office of Works, Edinburgh, on "Preserving the Past for

Posterity," which was well attended, and proved most interesting and valuable as illustrating fully the newest methods of repairing ancient buildings in Scotland.

EXCURSIONS.

During June to September arrangements were made for four excursions to places of interest, a detailed programme being sent to each member. Unfortunately, these did not meet with such a ready response as those held during the last two years, and it was with regret that three had to be abandoned for lack of support.

ARCHÆOLOGICAL SECTION.

The Archæological Section continues its activities. An account of its proceedings will be found on p. 9 ff.

EXCHANGES.

A large number of periodicals published by learned Societies and Institutions continue to be sent in exchange for the Society's Proceedings. Many of these are of great scientific importance. Your Council will require to consider in the future, the question of dealing with the large amount of material now received annually by the Society.

COUNCIL'S THANKS.

The Council desires to thank all those who have assisted the work of the Society during the past Session, especially the lecturers; and also the press for the publicity they have invariably given in connection with its activities.

FINANCIAL STATEMENT.

Mr. Burrowes, the Hon. Treasurer, unfortunately is unable to be present, but the Chairman will make a statement in reference to the finances of the Society.

ELECTION OF COUNCIL.

In accordance with the rules of the Society, five members retire by rotation, namely, Dr. Chart, Dr. Allworthy, Messrs. T. Edens Osborne, Godfrey Ferguson and A. Deane. These members are eligible for re-election. The meeting will also be called upon to elect a sixth member to fill the vacancy caused by the death of Mr. H. H. Jones.

As already mentioned, while the Society is active, the Council feels it should be capable of doing a larger amount of work of practical importance, and for this reason it looks forward with confidence to greater activity during the coming Session.

ADOPTION OF REPORT.

The Chairman, in moving the adoption of the report, dealt with the activities of the Society during the past year and the importance of a progressive action during the coming session. This was seconded by Professor Small, and, on being put to the meeting, was passed.

HON. TREASURER'S STATEMENT.

The Chairman said that he was sure they all regretted the absence of the Hon. Treasurer, Mr. Burrowes, who took a great interest in the Society's work, particularly that dealing with the financial side. Mr. Burrowes had reported to him that the balance brought forward from last account was £44 4s 6d, and that carried to next account was £260 17s 0d; this must not be taken as an indication of a greatly improved financial position, because included in the £260 17s 0d were the subscriptions to the Adams Fund not yet handed over; the profit from the Nendrum Book is a special item not likely to recur, and the printer's account for printing the annual report, etc., had not been paid at the date of closing the account. The actual improvement in the funds was approximately about £50. Heavy expenditure in remodelling the building was in front of them.

A detailed statement, as audited by the government auditor, will be found on pages 21 and 22.

Mr. J. W. Gillmour said that he would like to refer to the various interests of their President. Mr. Elliott was an old member of the Society, and for many years had been associated with the educational life of the city. He wished to move the following resolution, which he felt sure would be seconded and heartily passed by the meeting:—

“That we, the shareholders and members attending this 107th Annual Meeting, wish to record our warmest appreciation of the services rendered to the Society by Mr. E. J. Elliott during the two years he has held the office of President of the Society.”

The resolution was seconded by Mr. R. S. Lepper, and passed unanimously.

ELECTION TO COUNCIL.

It was proposed by Mr. J. T. Greeves, and seconded by Mr. H. C. Lawlor, "that the five retiring members, namely, Dr. Allworthy, Dr. Chart, Messrs. T. Edens Osborne, Godfrey Ferguson and A. Deane, be re-elected for three years," and this was agreed to.

Mr. Lepper proposed, and Dr. Chart seconded, "that Mr. David E. Lowry be appointed on the Council in place of the late H. H. Jones, to retire in 1930," which was unanimously passed.

The Chairman intimated that that concluded the annual meeting, but that a meeting of the new Council would now be held to elect officers for the coming Session.



Hiberno-Romanesque recessed doorway in White Island Church. This is the only doorway in Northern Ireland typical of this style of architecture; its date is believed to be 1050—1100, A.D. It was recently blown down and has been re-erected stone by stone from a photograph taken shortly before it fell.

From the S.



ARCHÆOLOGICAL SECTION.

Session 1927-28.

The 12th Annual Meeting of the Section was held in the Museum, College Square N., on Tuesday, January 29th, 1929, the Very Rev. Dean Carmody in the chair. The Chairman called upon the Hon. Secretary, Mr. H. C. Lawlor, M.A., to read the Committee's Annual Report, as follows:—

ANNUAL REPORT OF THE COMMITTEE.

Since our last annual meeting we have lost five members by resignation and one by death, while five new members have joined. Some four or five members have not paid any subscription for four years or more, although they have continued to receive copies of our proceedings and notices of meetings, etc. It is proposed to remove their names from the list of members. Allowing for these, our membership now stands at 118.

Of the main objects which the Section had in view at the commencement of the Session, namely the repair of Bonamarghy Abbey, the preservation of White Island Church, and the acquisition of the Adams Collection, two have been actually accomplished. White Island Church Ruin has been carefully repaired and protected from further decay, and is now, in its way, one of the most interesting of the very early ecclesiastical ruins in Ireland. In connection with this outstanding work, one name in particular deserves special mention, as without his active assistance it could not have been carried out; that is the Rev. Canon J. E. McKenna, P.P., M.R.I.A. His knowledge of ecclesiastical architecture of the mediæval period is wide and deep; he gave us the benefit of his knowledge, and devoted an immense amount of time and trouble to make the effort of this Society a complete success. He was actively assisted by Lady Dorothy Lowry-Corry, whose knowledge of local history and antiquities of the Co. Fermanagh she inherits from her distinguished father, the late Earl of Belmore. A

detailed report drawn up by her, with the assistance of Canon M'Kenna, will be found below with a list of the subscribers to the fund raised, and an account of the outlay on the repairs.

With regard to the Adams Fund, responses to the circular issued last June were received amounting to £110 14s 0d; expenses of printing, postages and advertisements came to £5 15s 3d, leaving £104 18s 9d. The Committee offered the Corporation 100 guineas towards the purchase of the collection, if they would contribute the balance of the £250 required; to this the Corporation agreed, and the purchase of this valuable collection has now been completed. It will be absorbed in the general collection of the Museum, but the many important items will be earmarked as "from the Adams' Collection."

With regard to Bonamarghy, many things had to be considered before any actual effort could be made in this direction. The Rural District Council was approached upon the matter, and responded heartily. They have mapped out the burial plots inside the Abbey, and have obtained a closing order prohibiting all further interments inside the nave, with the exception of one grave.

An important feature of the Section's work during the winter of 1927/8 was the contribution by members of essays on original research on archæological subjects. Five such papers were read, and in each case gave rise to interesting and instructive discussions.

Mr. John Clarke of Glenarm read a paper on the Franciscan Friary at Glenarm, giving lantern illustrations of the oldest known pictures of the ruins, and of the fragments of carved stones which he had collected, once constituent parts of the friary.

Mr. I. A. Richmond, M.A., Lecturer in Archæology, Q.U.B., read an important paper entitled, "Hadrian's Wall and the future of Archæology in Northern Ireland." It had for its thesis, that practical training in archæology was unobtainable for the moment in Ireland, and that it was therefore better to look to the nearest work of the sort now being carried on in Northern England, where excavation was proceeding on careful lines. Durham University had undertaken the excavation of the wall-fort site of Birdoswald, and, through himself, as co-director of the excavation,

Queen's University had been invited to join; opportunities were offered to students anxious to be present and study the work being carried out at Birdoswald. He then outlined the problems of the site, which he hoped the excavations would solve.

Mr. D. E. Lowry read a paper on "Castlespie, Bishop Innich and the Hy Dearca Chien."

Mr. H. C. Lawlor, M.A., M.R.I.A., read a paper on "Recent Archæological Discoveries in Northern Ireland." The principal items of this paper have since been embodied in his book, *Ulster; its Archæology and Antiquities*, under the references to White Island Church, and the Hole-Stone, Co. Antrim.

Mr. Joseph Skillen read a paper on "The Pound as an Institution; a survival of the Brehon Laws"; he traced its origin as probably dating back to neolithic times; its important place in the Brehon Laws as codicised in the *Senchus Mohr*; its survival through the changes introduced at the Plantation of Ulster, to the present day.

Five meetings of the Committee were held during the year, and one summoned, at which a quorum was not in attendance.

The Report was unanimously passed.

In the absence of the Hon. Treasurer, the accounts were presented by the Hon. Secretary. They showed that the balance to the credit of the Section after discharging all expenses in connection with White Island Church, and the contribution of 100 guineas towards the purchase of the Adams Collection, amounted to £83 16s 8d; this includes the sum of £53 12s 9d, the nett profit from the sale of Mr. Lawlor's book, *The Monastery of St. Mochaoi of Nendrum*. The financial report was considered very satisfactory, and was unaimously passed.

WHITE ISLAND CHURCH RUINS.

The Chairman, in the unavoidable absence of Lady Dorothy Lowry-Corry, read her Report on the Repair and Preservation of White Island Church, which she had compiled by request of the Committee, in conjunction with the Rev. Canon J. E. M'Kenna, F.P., M.R.I.A., who carried out the actual supervision of the work in conjunction with the expert committee appointed for the purpose. This

Report is given below. It was received with marked approbation, and Mr. D. E. Lowry proposed, and Mr. R. S. Lepper seconded, "That the meeting congratulates and thanks Lady Dorothy Lowry-Corry for her extremely lucid, detailed and excellently constructed account of the work done at White Island Church; and at the same time desires to place on record its admiration of the skill and knowledge, to say nothing of the time and thought expended by Canon M'Kenna in carrying out, with the advice of the Sub-Committee, the excellent work on this most important undertaking."

At this stage the Chairman vacated the chair in favour of Mr. E. J. Elliott, ex-President, for the election of office-bearers for the coming session.

The Hon. Secretary, in moving the re-election of the Dean of Down as Chairman, referred in feeling terms to the excellent qualities he had displayed as chairman during his year of office, in which he had many times carried the committee through periods of difficulty. He had travelled in all weathers, and in spite of many other calls on his time, to Belfast from Downpatrick to attend the meetings of the committee and evening lectures, at great inconvenience to himself. Mr Lowry, in equally eulogistic terms, seconded the motion.

The Dean, in thanking the meeting for the kind manner in which it had received the remarks of the mover and seconder of the motion, said he would really like to be relieved of the pleasant, although onerous duties of presiding at the Section's meetings, the chief difficulty being the distance at which he resided from Belfast, and the numerous other duties which his office entailed. He moved that Mr. Andrew Robinson be appointed as Chairman, referring to his inexhaustible knowledge of Irish antiquities, not only in Ulster, but in the whole of Ireland, as well as to his loveable nature and admirable tact.

Mr. Robinson refused to allow this motion to be seconded, and offered, at any time the Dean of Down could not conveniently attend the meetings, that he, or any other member of the Committee chosen at the time, would be only glad to act in the Dean's absence.

The Dean of Down, upon this suggestion, then accepted the chairmanship.

Mr. Robinson moved, and Mr. Arthur Deane seconded, the reappointment of Mr. H. C. Lawlor as Hon. Secretary, which was carried unanimously.

Dr. Chart and Mr. R. J. Welch, having expressed a wish to retire from membership of the Committee, the following seven members were elected:—Messrs. Joseph Skillen, R. S. Lepper, T. Edens Osborne, D. E. Lowry, Andrew Robinson, E. J. Elliott and Colonel R. G. Berry. These, with the President, Professor Small, the Dean of Down, Chairman, Mr. Arthur Deane, Mr. W. B. Burrowes and the Hon. Secretary, constitute the statutory twelve members.

REPORT ON THE PRESERVATION OF THE RUIN OF WHITE ISLAND CHURCH.

By LADY DOROTHY LOWRY-CORRY.

Condensed from Notes supplied by the

REV. CANON J. E. M'KENNA, P.P., M.R.I.A.

As mentioned in the Annual Report of the Archæological Section for the year ending 1927, the desirability of the repair of this ruin, particularly of the doorway, the only example of recessed Hiberno Romanesque in Northern Ireland, was strongly emphasised.

Accordingly early in 1928, the Hon. Secretary, Mr. H. C. Lawlor, visited Enniskillen, obtained the full consent of Colonel Archdale and Mr. H. B. Archdale to the preservation of the ruin, and made arrangements for the appointment of a local committee to raise funds and awaken local interest. This committee consisted of Lady Dorothy Lowry-Corry, local secretary for Co. Fermanagh of the Royal Society of Antiquaries of Ireland; Mr. H. B. Archdale, Canon J. E. M'Kenna, P.P., M.R.I.A.; the Rev. John Trainor, P.P.; the Rev. E. Ward, C.C.; the Rev. W. B. Steele, B.A.; Mr. H. A. Burke, D.L., with Mr. H. C. Lawlor as Hon. Secretary. The Committee raised by subscription the sum of £75 16s 6d; the total cost of the renovation amounted to £78 15s 0d, to which must be added

cost of acknowledging subscriptions in the press, printing of circulars and postage, £6 11s 3d, making £85 6s 3d. By a resolution of the Committee of the Section, the difference, £9 9s 9d, was voted from the funds of the Section.

Before commencing work, the Committee of the Section communicated with the Ministry of Finance to ask if the Ancient Monuments Department would undertake the work, or if not, would it give us the benefit of the professional advice of its architect. The Ministry replied to say that as the ruin was not vested in accordance with the A.M. Act, it could not undertake the work, but consented to give the Section the benefit of the advice of Mr. Ripplingham, the architect in charge of the A.M. Department of the Ministry.

Accordingly the Committee of the Section decided to entrust the actual work of the repair of the ruin to Canon J. E. M'Kenna, M.R.I.A., associated closely, in an advisory capacity, with Lady Dorothy Lowry-Corry, Mr. T. F. O. Ripplingham, Mr. Andrew Robinson and the Hon. Secretary, Mr. H. C. Lawlor.

Owing to the great distance apart from each other at which the members of this sub-committee live, it was impossible to arrange meetings, but every point as it arose was carefully and fully discussed by correspondence before decisions were arrived at. All through the somewhat voluminous correspondence that necessarily arose on many matters of detail, perfect harmony prevailed among the five members of the sub-committee entrusted with the work; this does not mean that in every detail opinions were unanimous; on one point, the re-erection of the fallen sill and jambs of the east window, where the exact height from the ground at which the sill had stood, could not be accurately ascertained, Mr. Ripplingham and Mr. Robinson objected to the re-erection of these as "imaginative reconstruction." In this case, the opinion of the majority of the sub-committee was acted upon, and the remains of the window re-set in the east gable. Otherwise than on this detail the sub-committee was practically unanimous on all points. Mr. Ripplingham's recommendations, such as where to use cement and where mortar, how to strengthen what might turn out to be weak places, and the general repairs to be effected, were closely adhered to.

Of the Church of White Island, no known history exists. The island is in Castle Archdale demesne, and was

formerly churchland; the church lies at the east end of the island, which is a long oval, containing about seventy-four acres. Towards the east end of the island, near the church, can be seen the traces of earthworks, as if at one time there had been a number of inhabitants, and a large earthwork crowns the summit. The church itself was in a condition of utter ruin and decay. The interior as we found it, was filled to a height of about 3ft. 6in. with fallen stones and debris of various kinds, and all was overgrown with a thicket of ash, elder, thorn and ivy, the roots of which permeated the whole, including the fragmentary remains of the walls; so that it was soon ascertained that no satisfactory repair of the ruin could be restricted only to the re-erection of the fallen doorway and the immediate adjoining walls.

The ruin was of a church measuring 47 ft. 8 ins. in length by 27 ft. 0 ins. in width, external measurements; the walls were 3 ft. 0 ins. thick at the sides, and 3 ft. 3 ins. at the gables. The only fragment of wall remaining at its original height was the tottering south east corner, on which the spring of the gable was still to be seen; it was 10 ft. 3 in. in height over the level of the step of the door, which, with some five feet of the crumbling jambs, was still in position. The south wall stood from 4 ft. 0 ins. to 6 ft. 0 ins. high, and the east gable from about a couple of feet over the foundation to 10 ft. 6 ins. At some recent period, probably in or after 1880, the proprietor of the island, in an endeavour to save what then remained of the church, built stout and, it must be confessed, ugly buttresses to support the walls, one on either side of the doorway, and one against what then remained of the east gable; unfortunately these buttresses did not succeed in their laudable purposes. Of the west gable and north wall of the church, only three to four feet remained, except for two or three yards of the north-wall near the east gable, which stood over 7 feet high.

It was decided to number every stone still remaining in the south and east walls and photograph them, section by section, take the walls and buttresses down, destroy the permeating root growths, and re-erect the whole (not the buttresses) exactly as they were. Fortunately a photograph by Mr. Welch, of the doorway before it fell, and a detailed description by Wakeman, were at hand to supplement what still remained of the fabric.

What remained of the doorway and walls was carefully taken down, stone by stone, and replaced exactly in their original positions according to the photographs.

During this long and careful process, it was discovered that in addition to two remarkable carved stones which could be seen face outwards, built into the exterior of the masonry, one beside the east jamb of the doorway, and another, also face outwards, built into the east gable, three other stones of a similar type were built, with their faces concealed, into the exterior of the east gable; another stone, on which was carved a human head, was found embedded in the interior of the west gable. These had quite evidently been used as mere building material at some period when the church was re-built, and without regard to their original meaning or use. The unfinished stone was actually under or almost under where the east window had stood.

At first it was considered advisable to re-insert these stones where they were found, but face outwards; but as they were evidently, from the positions in which they were found, not in their original places, it was decided to group them all together—with another that had formerly been built into the church, but which had been at some time brought up for preservation to Castle Archdale, and which Colonel Archdale kindly returned to the church—in a recessed panel built for the purpose on the site of the quite defunct north wall of the nave.

In adopting this course, it was considered certain that if these stones were re-set where found, but face outwards, in a few years, they would become defaced through the growth of moss and the effect of weather; it was also evident that the church in which they were treated as mere building material was not the original church, but built from fragments of a much older one. From the position of the "sheela-na-gig" stone, built low down against the east jamb of the 11th century doorway, it seemed as if these stones had been used as mere scrap when the doorway was built, that is probably about 1050, and that they were therefore much older.

The Annals tell us that in the year 837, all the churches of Loch Erne were burned, and it is quite possible, even probable, that these carvings had been in a church built shortly after that time.



White Island Church; the carved figures found built into the walls.



Each stone has a square socket cut in the top, as if they had served the purpose of capitals of pilasters or corbels, supporting the beams of the roof. In setting them for preservation into the sunk panel, care was taken that they should be set in such a position that rain would not get into these sockets and cause damage to the stones; each was set on a small corbel to support its weight, and relieve the cement binding them into the wall, of all strain.

The accompanying photographs give details not only of these curious carvings, but of the re-erected arch, and a view, through the doorway, of the panel containing the carvings. At this stage it might be premature to speculate further as to the age or exact significance of the carved figures. One, which had been built against the east jamb of the door, near the ground, is apparently a female figure of the type usually called a "sheela-na-gig"; it resembles what is known as the joker on some old playing cards, and seems intended to indicate a figure bursting with laughter. One of the stones was rough-shaped like the others, but owing to a flaw in the stone had not been finished. Four finished stones, including the one returned from Castle Archdale, apparently represent ecclesiastics, in which the vestments are of extreme interest, and perhaps older than any other vested ecclesiastical figures already known of in ancient carvings in Ireland; they somewhat resemble a figure portrayed in an illumination in the early 10th century *Book of Deir*. One is holding in both hands what may be a comdach or book shrine, while another seems to be holding a shield, above and below which can be seen the handle and point of a sword, which resemble those on certain figures represented in several of the high crosses. This figure apparently dates them all to a period when ecclesiastics were in the habit of fighting in battle. The Tara brooch on this figure's left breast is very interesting. Another figure, similarly vested, is holding two birds or winged animals face to face, one in each hand; no explanation of this design is as yet forthcoming. One side of this stone is covered with an interlaced pattern.

The sixth corbel, having always been face outwards in the east gable is rather well known. It represents an ecclesiastic, in contemplative attitude, with his left hand stroking his chin. The right arm and hand are imperfect, but opposite to where the hand should be may be seen what

seems to be the point of a sword sheath of same type as that in the figure with shield and sword.

The stone found in the interior of the west gable has a sombre face carved in high relief, and is probably of later date than the other carvings.

The condition of the east window was very ruinous; the sill had slipped off its seat and was in a slanting position, partly on the wall and partly on a heap of fallen masonry; apparently it had originally sat about 4 ft. 8 ins. from the ground level, and a majority of the sub-committee decided to replace it at this height; the moulding of the sill showed the splay and position of the jambs. Most of the stones of the jambs were lying where they fell, and were re-erected on the sill, the whole to correspond with Wakman's description of it in the journal of the R.S.A.I. The top stone of this window was not found, and we cannot say if it were pointed or circular arched, so it is difficult to date it.

Another window top, circular arched, had been preserved at Castle Archdale, and two jamb stones of this window were found built into one of the modern buttresses. As there was no indication of where this window had been, the window top and the two jamb stones were placed on the top of the south wall in such a position as to show that they were not part of it.

A few jamb stones of a primitive type of window were replaced where they were found in the western end of the south wall.

After completion of the work at the church ruin, many stones were left over; rather than leave these in rough heaps, they were used to build a dry fence round the church to prevent cattle straying in to damage the ruin.

A disused graveyard lay round the ruin. No interments had taken place here within living memory; only one inscribed stone, of the 18th century, was to be seen; this was left leaning against the outside of the east gable.

A small holy water stoup was found in the debris; at Mr. Archdale's suggestion, this was built inside the east jamb of the door.

LIST OF SUBSCRIPTIONS RECEIVED TOWARDS
THE PURCHASE OF THE ADAMS COLLECTION
OF IRISH AND COMPARATIVE PREHISTORIC
ANTIQUITIES.

Mr. John K. Wilson, Ballymena	£10	10	0
The Marquis of Londonderry	5	5	0
The Rt. Hon. H. M. Pollock, the Rt. Hon. J. M. Barbour, the Rt. Hon. S. Cunningham, Lady and the Misses Brett, Sir R. H. H. Baird, Messrs. Thos. M'Gowan, F. A. Heron, The Belfast Naturalists' Field Club—£5 each	40	0	0
Mr. F. W. Ewart	3	3	0
Mrs. Montgomery (Benvarden)	3	1	0
Mr. V. G. Jennings	2	2	0
Anonymous, Miss E. Montgomery, Miss Gamble, Messrs. J. Maxton, J. T. Greeves, Arthur Greeves—£2 each	12	0	0
Major C. E. S. King	2	1	0
Mr. Alex. H. Davison	1	11	0
Messrs. A. H. Finlay, J. M'C. Loewenthal, V. D. Despard, A. A. Campbell, H. C. Lawlor, R. H. Finlay, D. E. Lowry, M. C. Andrews, Col. R. G. Berry, the Rev. Canon Collis, Prof. W. Gregg Wilson—£1 1s 0d each	11	11	0
His Grace the Lord Primate, Prof W. B. Morton, Miss M. E. Dobbs, Capt. W. Mitchell, Mrs. S. A. Bell, Messrs. R. J. Welch, J. S. Crone, T. C. Shillington, R. A. Mitchell, Arthur Deane, W. M. Crawford, A. S. Atkinson, C. J. M'Kisack, W. B. Burrowes, Fergus M. Greeves—£1 each	15	0	0
Messrs. J. J. Marshall, P. M. Jury, John Hewton, E. J. Elliott, Rev. A. Whitford, Miss Harrison, Miss M. Gaffikin—10s each ...	3	10	0
Miss Walker (Hillsborough), Mrs. Fallon, Mrs. Magill, Mr. J. Loughridge—5s each	1	0	0
			<hr/>
			£110 14 0
			<hr/>

LIST OF SUBSCRIPTIONS RECEIVED TOWARDS
THE FUND FOR REPAIRING THE RUIN OF WHITE
ISLAND CHURCH, LOCH ERNE.

Collected by Father C. M'Kenna, Glasgow	... £12	0	0
Collected by Father Ward, Enniskillen	... 12	0	0
Mr. Alfred Sinton	... 5	5	0
Mr. and Mrs. H. B. Archdale	... 5	0	0
Rev. Canon M'Kenna, P.P., M.R.I.A.	... 2	2	0
Rev. John Trainor, P.P.	... 2	0	0
One pound each:—Rev. Dr. M'Caffrey, May-			
nooth; Rev. Dean Keown, Rev. C. M'Kenna,			
Glasgow; Rev. Father O'Neill, Campsie; Mr.			
Thos. Fergus, Dromore	... 5	0	0
Ten shillings each:—Rev. Fathers M'Carney,			
M'Dermott, O'Hanlon, M'Caughey, M'Manus,			
O'Daly	... 3	0	0
A Friend	... 3	0	0
Mr. F. A. Heron, D.L.	... 1	1	0
Mr. H. Montgomery Irvine	... 1	1	0
Rev. W. B. Steele and Mrs. Steele, Levally	... 1	11	0
Mrs. Sheil	... 1	0	0
Mr. R. W. Johnston	... 1	0	0
Ten shillings each:—Messrs J. T. and Arthur			
Greeves, Miss M. E. Dobbs	... 1	10	0
Five shillings each:—Mrs. Fallon, Mr. H. A.			
Burke, D.L.	... 0	10	0
Per Lady Dorothy Lowry-Corry:—			
Royal Society of Antiquaries of Ireland	... 5	0	0
Lady Dorothy Lowry-Corry	... 3	3	0
The Earl of Belmore, D.L.	... 1	1	0
Sir Charles Falls, M.P., D.L.	... 1	1	0
R. S. Lepper, M.A.	... 1	1	0
J. A. Pringle, K.C., M.P.	... 1	0	0
O. A. Pringle	... 0	10	6
Ten shillings each:—Sir E. M. Archdale, Bart.,			
M.P.; John E. F. Collum, H.M.L.; the Ladies			
Violet and Margaret Lowry-Corry, W. Cope-			
land Trimble, Charles M'Neill, Rev. Terence			
Small, P.P.; Mrs. W. H. Barton, Colonel J.			
R. Darley, Captain E. G. Case	... 5	0	0
Five shillings each:—Mr. and Mrs. C. H. Maude,			
Mrs. H. E. Welch, Mr. T. H. Young	... 1	0	0
Archæological Section B.N.H. and P. Soc.	... 9	9	9
<hr/>			
£85 6 3			
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EDUCATIONAL ENDOWMENTS (IRELAND) ACT, 1885.

The Account of Belfast Natural History and Philosophical Society for the year ended 31st October, 1928

Dr.

Cr.

CHARGE.

To Balance as per last Account	...	£44	4	6
" Subscriptions	...	84	16	0
" Dividends	...	29	13	4
" Realised by Sales of Centenary Volumes	...	0	6	0
" Rents	...	137	10	0
" Miscellaneous Receipts, viz. :—				
Lectures	£3	0	0	
Archæology	23	10	0	
Nendrum Book	26	16	11	
Adams Fund	109	9	0	
				162 15 11
Securities—				
York St. Flax Spg. Co. 4½%	£400	0	0	
5% War Loan, 1928-47	305	5	3	
(Belfast Regr.)				

Total,

... £459 5 9

DISCHARGE.

By Maintenance of Premises, &c.	...	£1	16	3
" Rent, Rates and Taxes	...	34	17	9
" Salaries	...	25	0	0
" Printing and Stationery Accounts	...	69	9	6
" Advertising Accounts	...	13	7	6
" Postages	...	7	8	10
Other Payments, viz. :—				
Lectures	£5	19	3	
Piano	3	5	0	
Lantern Slides	2	0	0	
Audit Fees, 1926/27	1	1	0	
Adams Fund	5	15	3	
Interest and Bank Charges	1	17	8	
Archæology	26	10	9	
				46 8 11

Balance in favour of Account on 30th Oct., 1928

260 17 0

Total,

... £459 5 9

We certify that the above is a true Account.

E. J. ELLIOTT, President.

W. B. BURROWES, Accounting Officer.
19th day of December, 1928.

I certify that the foregoing Account is correct.

G. B. MACONKEY,
7th day of May, 1929.

IN ACCOUNT WITH THE BELFAST NATURAL HISTORY AND PHILOSOPHICAL SOCIETY.
ARCHÆOLOGICAL SECTION.

Dr.				Cr.
Nov. 3, 1927.				
To Balance at credit	...	£22 9 8	By Typing and General Clerical Work	£6 0 0
" Subscriptions, 1928/9	...	23 10 0	" Postages	2 16 0
" Subsidy	...	10 5 0	" Lantern Slides	2 0 0
" Profit from <i>The Monastery of Nendrum</i> trans-	...		" Printing, R. Carswell & Sons	6 5 0
ferred from separate a/c.	...	53 12 9	" White Island Fund, including Printing, Advertising, &c.	9 9 9
			" Adams Fund	0 1 3
			" Balance forward	83 5 5
		<u>£109 17 5</u>		<u>£109 17 5</u>
Nov. 3, 1928.				
To Balance to credit	...	£83 5 5		

ADAMS FUND.

To Subscriptions as per list	...	£110 14 0	By "Northern Whig"	£1 15 0
" Archæological Section, to balance a/c.	...	0 1 3	" "Telegraph"	2 5 0
			" "News-Letter"	1 15 3
			" Belfast Corporation	105 0 0
		<u>£110 15 3</u>		<u>£110 15 3</u>

EXCHANGES.

- ABO—Publications of the Abo University Library.
- ALBANY—Bulletin of the New York State Museum.
- ANN ARBOR—Publications of the University of Michigan.
- AUCKLAND—Publications of the Auckland Institute and Museum.
- BARCELONA—"Publications of Natural Science," 1925.
- BASEL—Verhandlungen der Naturforschenden Gesellschaft in Basel 1927-28.
- BELFAST—Proceedings and Annual Report of the Belfast Naturalists' Field Club, 1923-24, 1924-25.
- BERGEN (Norway)—Publications of the Bergen Museum.
- BERKELEY—Publications of the University of California.
- BIRMINGHAM—Publications of the Birmingham Natural History and Philosophical Society.
- BOSTON—Publications of the Boston Society of Natural History.
- BOULDER—Bulletin of the University of Colorado.
- BRIGHTON—Abstracts of Papers of Brighton and Hove Natural History and Philosophical Society, 1928.
- BRISBANE—Memoirs of the Queensland Museum.
- BROOKLYN, N.Y.—Science Bulletins of the Brooklyn Institute of Arts and Sciences.
- BRUSSELS—Bulletins of the Royal Society (Botanical) of Belgium.
- „ Publications of the Royal Zoological Society of Belgium.
- BUENOS AIRES—Publications of the National Museum of Natural History.
- BUFFALO—Bulletin of the Buffalo Society of Natural Sciences.
- CALCUTTA—Publications of the Geological Survey of India.
- CAMBRIDGE—Proceedings of the Cambridge Philosophical Society.

CAMBRIDGE, MASS—Publications of the Museum of Comparative Zoology.

CARDIFF—Transactions of the Cardiff Naturalists' Society.

CERNANTI—Publications of the Faculty of Sciences, Gernanti University, Roumania.

CHICAGO—Publications of the Field Museum of Natural History.

„ Publications of the Chicago Academy of Sciences.

„ Annual Report of the John Crerar Library, 1927.

CINCINNATI—Publications of the Lloyd Library.

COIMBRA—Memoirs of the Zoological Museum of the University of Coimbra.

COLORADO SPRINGS—Publications of Colorado College.

COLUMBUS—Ohio Journal of Science.

„ Bulletins of the Ohio State University.

DANZIG—Publications of the Natural History Society of Danzig.

EDINBURGH—Proceedings of the Royal Physical Society.

„ Proceedings of the Royal Society of Edinburgh.

„ Transactions and Proceedings of the Botanical Society of Edinburgh.

GLASGOW—Transactions of the Geological Society of Glasgow.

„ Proceedings of the Royal Philosophical Society of Glasgow.

GOTEBURG—Publications of the Royal Society of Science and Letters.

HALIFAX, N.S.—Proceedings and Transactions of the Nova Scotian Institute of Science.

INDIANAPOLIS—Proceedings of the Indiana Academy of Science.

LA PLATA—Publications of the National Museum of Natural History.

LAUSANNE—Memoirs and Bulletins de la Societe Vaudoise des Sciences Naturelles.

LAWRENCE—Bulletins of the University of Kansas.

LIMA—Boletin del Cuerpo de Ingenieros de Minas del Peru.

- LIVERPOOL—Proceedings of the Liverpool Botanical Society.
- LONDON—Quarterly Journal of the Royal Microscopical Society.
- „ Memoirs of the Royal Astronomical Society.
- „ Publications of the British Association.
- „ Quarterly Journal of the Geological Society.
- „ Yearbook and Saga book of the Viking Society of Northern Research.
- MANCHESTER—Journal of the Manchester Geographical Society.
- MELBOURNE—Proceedings of the Royal Society of Victoria.
- MEXICO—Publications of the Geological Institute of Mexico.
- MILWAUKEE—Bulletin of the Milwaukee Public Museum.
- MOSCOW—Bulletins of the Moscow Society of Naturalists, 1914-18, 1922-28.
- NEW HAVEN.—Transactions of the Connecticut Academy of Arts and Sciences.
- NEW YORK—Annals of the New York Academy of Sciences.
- ORONO—Bulletins of the Maine Agricultural Experiment Station.
- OSLO—Publications of the Royal University Library.
- „ Publications of the Academy of Science and Letters.
- OTTAWA—Publications of the Geological Survey of Canada, Department of Mines.
- „ Publications of the Canadian Department of Agriculture.
- OXFORD—Proceedings and Reports of the Ashmolean Natural History Society of Oxfordshire.
- PADOVA—Publications of the Academy of Sciences, Padova, Italy.
- PHILADELPHIA—Proceedings of the American Philosophical Society.
- „ Publications of the Academy of Natural Sciences.
- PISA—Publications of the Society of Natural Sciences.
- RENNES.—Bulletin de la Societe Geologique.
- RIO DE JANEIRO—Publications of the National Museum of Brazil.

SAN DIEGO—Transactions of the San Diego Society of Natural History.

SAN FRANCISCO—Proceedings of the Californian Academy of Sciences.

STAVANGER.—Publications of the Stavanger Museum.

ST. LOUIS—Public Library Monthly Bulletin.

STRATFORD—The Essex Naturalist.

TORQUAY—Transactions and Proceedings of the Torquay Natural History Society.

UPSALA—Bulletin of the Geological Institution of the University of Upsala.

WASHINGTON—Yearbook of the United States Department of Agriculture, 1925.

.. Annual Report of the Smithsonian Institution.

.. Annual Report and Bulletins of the United States National Museum.

.. Publications of the Bureau of American Ethnology.

.. Bulletins of the Smithsonian Institution.

.. Proceedings of the United States National Museum.

.. Smithsonian Institution, Miscellaneous Collections.

.. Publications of the United States Geological Survey.

WEIN—Publications of the Society of Zoology and Botany in Wein.

YORK—Annual Report of the York Philosophical Society, 1927-28.

ZURICH—Publications of the Natural History Society of Zurich.

SHAREHOLDERS AND MEMBERS.

Corrected to November, 1927.

[*Denotes Holders of three or more Shares.]

[a ,, Members of Archæological Section.]

aAcheson, F. W., 37 Osborne Park,	Belfast
Adams, John, Auburn, Cranmore Park,	do.
*Alexander, Francis, B.E.	do.
Alderdice, Richard Sinclaire, F.C.I.B., 7 Wellington Place,	do.
aAllingham, Robert, J.P., North Street,	do.
Allworthy, S. W., M.D., Manor House, Antrim Road,	do.
aAnderson, Frank, M.B.E., Willoughby Terrace,	Portadown
aAnderson, Mrs., Ballyhossett,	Downpatrick
aAndrews, Michael C., F.R.G.S., F.R.S.G.S., Orsett, Derryvolgie Avenue,	Belfast
aAndrews, Miss Elizabeth, 10 Park Crescent,	Tonbridge, Kent
aArcher, Rev. Canon, B.D., Seagoe Rectory,	Portadown
aAtkinson, Arthur S., Dromana, Knockdene Park,	Belfast
Baker, Geo. E., C.A., Lismacue, Belmont Road,	do.
Baker, Mrs. Alyn N., Lismacue, Belmont Road	do.
aBaird, Major William, J.P., Royal Avenue,	do.
aBennett, S. A., B.A., B.Sc., 184 Waterloo Road, Burslem,	Stoke-on-Trent
aBerry, Colonel, M.R.I.A., J.P., Ardaluin,	Newcastle
aBirch, J. P., Ashfield House, Ravenhill Road,	Belfast
Blair, John G., 3 Victoria Gardens,	do.
aBlake, R. F., F.I.C., 4 Knock Road,	do.
Boyd, Thornton, Blackstaff Spinning Company	do.
aBoyd, Miss Kathleen St. Clair, Chatsworth, University Road,	do.
Boyd, John, San Remo, Holland Park, Neill's Hill,	do.
Bradshaw, David B., Provincial Bank,	do.

- a*Breene, Rev. R. S., LL.D., 4 Beechgrove, Bristol Avenue, Belfast
*a*Brett, The Very Rev. Dean, M.A., Montrose, Somerton Road, do.
 Brierley, J. C. A., M.Sc., F.I.C., 224 Cliftonville Road, do.
 Bristow, John, 10 College Square North, do.
 *Brown, George B., Lisnamaul, Ormeau Road, do.
 Brown, J., M.A., B.Sc., 32 Maryville Park, do.
*a*Burrowes, W. B., F.R.S.A.I., Ballynafeigh House, Ravenhill Road, do.
*a*Byrne, J. Edwards, J.P., F.R.S.A.I., 37 Royal Avenue, do.

*a*Campbell, A. A., F.R.S.A.I., Drumnaferrie, Rosetta Park, do.
 *Campbell, Miss Anna (Representatives of), do.
*a*Campbell, Sir John, M.D., M.P., Culloden, Craigavad
 Carrothers, E. N., 145 Stranmillis Road, Belfast
*a*Charlemont, The Rt. Hon. The Viscount, Drumcairne, Stewartstown, Co. Tyrone
 Clark, Sir George S., Bart, D.L., Dunlambert, Belfast
*a*Clarke, John, Antrim Arms Hotel, Glenarm
 Cleeland, Robt. V., 13 Eglantine Gardens, Belfast
*a*Cleland, A. M'I., Macedon, Green Road, Knock, do.
 Combe, Barbour & Co., Ltd., do.
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<i>a</i> Ritchie, John, Cullintra,	Comber
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[The Hon. Secretary will be obliged if shareholders and members will notify him in the event of change of address, or of any inaccuracies appearing in the names and addresses in the list. Address:—7 College Square North, Belfast. Members are reminded that their names are retained on the books of the Society, and their subscriptions are considered as due, UNTIL NOTICE OF RESIGNATION HAS BEEN GIVEN IN WRITING TO THE HON. SECRETARY. It is a regrettable fact that some members on the books continue to receive the Society's publications and notices, who have not paid a subscription to the Hon. Treasurer for years. He appeals to these members to forward remittances without delay, and so save the Society the cost of postage in making frequent applications.]

BYE-LAWS AND RULES

GOVERNING THE

ARCHÆOLOGICAL SECTION.

Approved by Council, 11th March, 1925.

1. The Archæological Section shall, subject to the approval of the Council, conduct, on behalf of the Society, its Archæological work.

2. The object of the Section shall be to investigate, preserve, illustrate and record particulars of the Monuments of Antiquarian interest in Ulster, and to encourage and pursue the study of Archæology.

3. The management of the business of the Section shall be entrusted to a Committee, to be known as the Archæological Committee, of which the President, the Treasurer and the Secretary of the Society shall be ex-officio members. The Chairman and Secretary of the Section shall also be ex-officio members, and they and the remaining members of the Committee shall be elected annually, at the Annual General Meeting of the Section. The number of the members of the Committee so elected at the Annual General Meeting, in addition to the ex-officio members as above indicated, shall be seven. The Committee, after election, may at any time co-opt additional members, not exceeding three, whom they consider desirable. Thus, the Committee shall not exceed fifteen in number. In case of the resignation or death of a member, the Committee shall co-opt a substitute member at any ordinary meeting. At any meeting of the Committee a quorum shall consist of five members.

4. The Committee shall record minutes of its meetings, and the Hon. Secretary of the Section shall submit same to the Council for acceptance, rejection or amendment. They shall examine and certify for payment by the Hon. Treasurer of the Society all accounts within the province of the Committee. All instructions for Field Work must be given officially by the Hon. Secretary of the Section.

5. The Committee, on undertaking any particular investigation, shall, if it thinks desirable, appoint a local Committee in the district in which the special work is being executed, and if necessary co-opt temporarily one or more members of such local Committee on the Archæological Committee in an advisory capacity. The said members so elected shall cease to be members of the Committee on the completion of the work. Such members are not entitled to vote. It shall not be incumbent upon members of any such local Committee to be members of the Society.

6. Before any excavations are commenced permission must be obtained from the owner (or owners) of the ground in which said excavations are to be made. Arrangements shall, if possible, be made with said owner (or owners) whereby any objects found should become the property of the Society; and it shall be understood that objects of antiquarian interest discovered during excavations, other than treasure trove, shall become the property of the Society for inclusion in its collection in the Belfast Municipal Museum.

7. Written reports of the investigations carried out under the auspices of the Section shall be submitted to the Council, and if sanctioned, shall be printed in the Proceedings of the Society.

8. Only Shareholders and Members of the Society shall be eligible for membership of the Section, and they shall only be admitted as members of the Section on election by the Committee by three-quarters of the votes of the members present. The Committee shall have power to elect hon. members to the Section, the names of such members to be submitted to the Council for confirmation.

9. Subscription to the Section (in addition to the 10/- subscription to the Society) shall not be less than 5/-, payable on election, and afterwards annually in advance on the 1st November of each year.

10. The Council of the Society shall credit the Section with a subsidy of 2/6 annually for each member of the Section, whose subscriptions have been paid in addition to the Sectional subscriptions paid by the members of the Section.

11. The funds of the Section shall be exclusively expended on the work of the Section, and the receipts and disbursements recorded in a separate account to be kept by the Hon. Treasurer.

12. An Annual Meeting of the Section shall be held yearly in November, or as soon after as may be convenient, when the report of the Committee, including the Hon. Treasurer's statement of the Section's account shall be submitted, Committee and officers for the coming session elected, and such other business transacted as pertains to an annual meeting.

13. These rules may not be added to or altered by the Section without such alterations having been sanctioned by the Council of the Society. Notice of any proposed alteration of, or addition to said rules must in the first place be signed by twenty members of the Section for consideration by the Archæological Committee. The Committee shall then, after consideration and approval of the alteration, lay the same before a duly convened General Meeting of members of the Section, accompanied by a definite expression of its opinion thereon; and such proposal shall not be ratified by the General Meeting unless passed by a three-fourths majority of those present and voting.



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